

ABSTRACT

The use of certain siloxane and silane materials for the conservation of organic and inorganic materials. More specifically, this invention deals with a method of impregnating organic and inorganic materials with siloxanes and silanes and ultimately curing such materials to provide preservation properties to such materials. An especially significant use of the method is to preserve and conserve ancient artifacts. The curable materials are represented by silanol containing polymers crosslinked with trialkoxysilanes.